

Date: Thu, 5 May 94 21:09:08 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #493  
To: Info-Hams

Info-Hams Digest                      Thu, 5 May 94                      Volume 94 : Issue 493

Today's Topics:

    \*\*Looking for Baycom Modem Boards Pre-made\*\*  
        2 meter lingo publication (2 msgs)  
        digital speech transmission for HAMS?  
            GB2RS News 8th May 1994  
        Gun Owners: Protect your Rights!  
            How to make a diplexer?  
        monitoring CB ch 9 / REACT organization  
        New license class but same old call sign!  
            PacketCluster Commands  
            Was this a bad idea?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: 6 May 94 03:14:57 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: \*\*Looking for Baycom Modem Boards Pre-made\*\*  
To: info-hams@ucsd.edu

Warmest Greetings,

I am looking for cheap pre-made Baycom modem boards. The Club here  
in Sudbury, Ontario, Canada would like to get Ham operators with little  
money onto packet. So please email me with any information you may have  
on Baycom modem boards and i'll try to get these boards so that we don't  
have to etch them ourselves.

Thank you for your time,

73's de Guy VE3 XGQ

-----  
Date: 5 May 94 20:19:10 GMT  
From: agate!howland.reston.ans.net!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!  
olivea!news.bu.edu!att-in!nntpa!not-for-mail@ucbvax.berkeley.edu  
Subject: 2 meter lingo publication  
To: info-hams@ucsd.edu

-----  
Date: 5 May 94 20:55:28 GMT  
From: agate!news.ossi.com!ihnp4.ucsd.edu!usc!howland.reston.ans.net!noc.near.net!  
info-server.bbn.com!news!levin@ucbvax.berkeley.edu  
Subject: 2 meter lingo publication  
To: info-hams@ucsd.edu

In article <1994May5.191510.27823@cs.brown.edu> md@maxcy2.maxcy.brown.edu (Michael P. Deignan) writes:

I'm currently working on a publication entitled "The 2-meter Lingo  
Guide: A Handbook For The New Ham". I'm looking for various  
[etc]

The same old song again. Clown.

-----  
Date: 5 May 94 19:07:50 GMT  
From: agate!howland.reston.ans.net!usenet.ins.cwru.edu!ns.mcs.kent.edu!  
kira.cc.uakron.edu!malgudi.oar.net!hypnos!voxbox!jgrubs@ucbvax.berkeley.edu  
Subject: digital speech transmission for HAMS?  
To: info-hams@ucsd.edu

cmoore@ilx018.intel.com (Cecil A. Moore -FT--~) writes:

> Stefan Wimmer (wsw@cellware.de) wrote:

>

> : Does anybody know, how they do it? And, is there a kind of chipset  
> : available for own experiments? Or can commercial phones be modified for  
> : HAM use? Stefan Wimmer

>

> They simply have the bandwidth and we don't. They have eight wires coming  
> in, digitize the voices into eight time slots at 64kb, send the 64kb out

> over a broad band wireless (microwave), demod into eight voices at the  
> other end, and send them out over eight wires.  
>  
> We don't have wires coming in, we have channels, more akin to cellular.  
> We could do analog or digital cellular but not with our present HTs.

How about if we didn't insist on having it sound like a natural voice?

```
/-----\  
| Jim Grubs, W8GRT   Voxbox Enterprises   Tel.: 419/882-2697 |  
\-+-----/
```

-----  
Date: 5 May 94 18:53:43 GMT  
From: agate!howland.reston.ans.net!EU.net!uknet!demon!llondel.demon.co.uk!  
dave@ucbvax.berkeley.edu  
Subject: GB2RS News 8th May 1994  
To: info-hams@ucsd.edu

Good morning. It's Sunday the 8th of May and here is the GB2RS news  
broadcast, prepared by the Radio Society of Great Britain.

And we start this week with news of a dedicated group from North Wales  
and the Wirral who have been awarded a prestigious award for outstanding  
services to amateur radio in the Republic of Ireland. Tony Jones,  
GW4VEQ; Martin Vernon, GW6HVA and Dave Fernant, G4PGO were awarded the  
Pat Conway Memorial Cup for designing and building a packet radio mail  
link. The new link allows amateurs all over Ireland to connect into the  
European and Worldwide packet radio networks through the Isle of  
Anglesey, the North Wales coast and Merseyside. The award was presented  
by the President of the Irish Radio Transmitters Society Jim Ryan, EI3DP  
at the IRTS Annual General Meeting in Donegal. This is the first time  
that this special award has ever been made to non Irish Nationals.

The Arfon Repeater Group has reported a fault in the link between GB3AR  
and GB3AN. The fault is not apparent to users of GB3AN as the repeater  
will initiate the link, but since the audio is not heard on GB3AR, no  
contact would be made. The Group apologises for any inconvenience this  
may cause and hopes to rectify the problem shortly.

The Bracknell 70 centimetre repeater GB3BN, became operational again on  
Saturday the 30th of April. The repeater is located north of Bracknell  
in Berkshire and operates on channel RB0, which has its output on  
433.0MHz and input on 434.6MHz. Further details and/or reports should go  
to the repeater keeper G4DDN, whose address is correct in the RSGB Call  
Book.

Two-metre repeater GB3KN, was scheduled to be switched on last Friday the 6th of May following a site change. The repeater is located north east of Maidstone in Kent and operates on channel R4, which has its output on 145.7MHz and input on 145.1MHz. Reports should go to the repeater keeper G3YCN, whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DY0.

-----

Date: 5 May 94 08:02:54 EDT

From: ihnp4.ucsd.edu!agate!usenet.ins.cwru.edu!news.ysu.edu!malgudi.oar.net!

mercury.wright.edu!desire.wright.edu!matrix.cs.wright.edu!isoper@network.ucsd.edu

Subject: Gun Owners: Protect your Rights!

To: info-hams@ucsd.edu

> reina@gtewd.mtv.gtegsc.com wrote:

> : Gun owners protect your constitutional rights!

>

> Thank you for posting this to the wrong newsgroup. If you had put it  
> in the appropriate gun-related newsgroup, I wouldn't have known about  
> it. Now I can call my Congressman and urge him to vote YES on any  
> bill that bans assault rifles.

>

>

Maybe if the Hams would have cross placed Info on the piece of crap Electronic Privacy Act bill it would have helped defeat it. Just remember Congress views themselves as the only source of common sense in this country. This means everyone including you are incapable of making logic decisions on your own. I know this making a big generalization but, every time I read about congressional legislation it regards banning some item from the people.

Besides being a competition shooter I do not believe my 8 shot M1 Garand (which is on the ban list) is an assault rifle. In fact, I have not heard of any Ghetto shoot outs involving them at all. However, I have seen and heard of Ham Radio equipment being used by drug dealers to avoid detection and capture by law enforcement officials. Just think about this as food for thought, your local congressman finds out a FEDERALLY Licensed program (namely Ham Radio) is aiding and abetting nasty criminal activity (supplying ham equipment through dealers without a 5 day waiting period). It's an election year, and crime reduction is the current rage amongst the Politicians, legislation involving the mandatory background check plus 5 day

waiting period to purchase all Ham equipment could become a reality. Additionally, since most forms of digital communications are not readily "monitored" by local law enforcement a strict ban of these forms of communication would be enacted.

73 Wes WB8CEH

-----  
Date: 5 May 94 19:46:49 GMT  
From: agate!overload.lbl.gov!dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!nic-nac.CSU.net!  
ctp.org!not-for-mail@ucbvax.berkeley.edu  
Subject: How to make a diplexer?  
To: info-hams@ucsd.edu

That's not a diplexer schematic in the previous post. It's essentially a VHF / UHF splitter, which is really just hi pass and lo pass filters in the same box. Diplexers use exotic things like cavities and magic T's. What? You've never heard of a magic T?

--

-----  
Date: 5 May 94 07:39:20 EDT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!usenet.ins.cwru.edu!news.ysu.edu!  
malgudi.oar.net!mercury.wright.edu!desire.wright.edu!matrix.cs.wright.edu!  
isoper@network.ucsd.edu  
Subject: monitoring CB ch 9 / REACT organization  
To: info-hams@ucsd.edu

In article <Coz9p7.Ao9@fore.com>, ed@fore.com (Ed Bathgate) writes:

> The police used to monitor CB, even the PA state police had signs  
> on the turnpike that they monitored CB ch 9. Baloney! I tried to  
> get help for a broken down motorist several years ago, to no avail  
> until I drove to state police building, walked in and told dispatcher  
> the situation. What bugged me, he had a cobra CB not 5 feet behind  
> him, turned off & unplugged! USELESS!

The reason for this condition is the fact the dispatchers at the various Police agencies usually are annoyed by the constant noise level generated by the CB.

I used to work as a Police Officer, and upon occasion had to work dispatch, so I know what it is like at times.

>  
> Is there still a REACT organization in existence?  
> Does anybody know how to contact them?

REACT exists they usually advertise in Popular Communications magazine every month. However, if most local units are like the one in Dayton, OH they have move to UHF in the GMRS bands. I see their members every once in a while strutting around at an accident scene jabbering into usually a Motorola HT90 or similar wearing their orange vests. Most of the members I have met usually are "wannabe" cops, rather than interested in helping someone.

>  
> Is this something ARES would have an opinion on or even want to  
> mess with?

My experience is Amatuer radio is slightly better than REACT. I have been able to at least complete 20% of accident calls I originated over the past 15 years on 2 meters. (I drove through OH, WV, PA, MD and VA on business or pleasure alot since the late 70's.)

>  
> Is there a "standard" simplex emergency freq on 2m, 220, or 440?

Not that I am aware of, however if there is, it will be listed in the ARRL Repeater Guide or similar publication.

73 Wes WB8CEH

-----  
Date: 5 May 1994 11:47:06 GMT  
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!olivea!  
inews.intel.com!ilx018.iil.intel.com!ilx049.iil.intel.com!dbraun@network.ucsd.edu  
Subject: New license class but same old call sign!  
To: info-hams@ucsd.edu

Hi,

I recently got my Advanced license in the mail (upgraded from General). It took about 9 weeks, which is guess is better than average these days.

BUT, I was disappointed to find that I didn't get a new call sign. It's still the old (and crummy) N1OWU (say it three times). I'm certain that I checked the box for a new call, since I didn't like this one. Has the FCC changed their policy about issuing new call signs for upgrades?

Doug Braun (4X/N10WU)

```
-----
Email:      dbraun@inside.intel.com
Intel Mail:  IDC1-41
iNet:       8-435-5069          Long Distance: 011-972-4-655069
Fax:        8-435-5999          Long Distance: 011-972-4-655999
Snail Mail:  US:                Other:
              PO Box 311         Intel Israel, Ltd.
              Mendham, NJ 07945  IDC-42
                                   Matam Scientific Center
                                   Haifa, Israel 31015
-----
```

```
-----
Date: 5 May 1994 13:45:34 +0300
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!sunic!news.funet.fi!
news.cc.tut.fi!lehtori.cc.tut.fi!not-for-mail@network.ucsd.edu
Subject: PacketCluster Commands
To: info-hams@ucsd.edu
```

Just my thoughts of that PacketCluster Software.  
I don't remember what version we run in our local  
node (OH3RCE), but it's not too good. Really hope  
that someone will do better...

One of the biggest oddities is that You can disable all the  
other commands, but not WX-announcements. And there are some  
fellows, who just log in to give: " WX/F Has been raining lately!"  
and then they just take disconnect. That's not fun when it happens  
too often!  
It also doesn't know how to handle O's with dots, and we do really  
need those in our native language.

There are also several minor bugs, but perhaps those doesn't need  
to be listed here.

Waiting for better days...

Pete  
oh3mep

--

\*\*\*\*\* oh3mep@cc.tut.fi \*\*\*\*\*

\* Petri Keskinen \* Kitiniitynkatu 7a3 \* 33850 Tampere \* Finland \* Europe \*  
\*\*\*\*\* oh3mep@oh3rce \*\*\*\*\*

-----  
Date: 5 May 94 19:15:59 GMT  
From: agate!howland.reston.ans.net!usenet.ins.cwru.edu!ns.mcs.kent.edu!  
kira.cc.uakron.edu!malgudi.oar.net!hypnos!voxbox!jgrubs@ucbvax.berkeley.edu  
Subject: Was this a bad idea?  
To: info-hams@ucsd.edu

-----BEGIN PGP SIGNED MESSAGE-----

hoagy@illuminati.io.com (Sir Hoagy) writes:

> Since I was unlicensed, was it illegal for me to use my radio  
> on an amateur frequency for this situation?  
>  
> I'm telling myself "No, since it was a valid emergency". However,  
> I dunno. Would someone help me with this one? I'm still wondering  
> if I was right/wrong.

Threat to human life or safety? YOU BET IT WAS O.K.!!!! Don't  
let anybody talk you out of it.

-----BEGIN PGP SIGNATURE-----

Version: 2.3a

iQCVAgUBLclGssmzkeX3rfUNAQEV/wP+JBdW3claUkx8wJNA1lNXgu8N+APUg6/d  
wuEksoYkv1MXwUzPv4XNfztWLMY5cuVjyJOH7B/9hjryCBPAQjo+5nWnukVVyCNQ  
Rm8yy24J+i95TKwofxFwtwAnTHRh4oFlprnWQEL3ec9L5yHaDE9wiAKrcHQkY2nI  
0e+3YmqhzCI=  
=V4pe

-----END PGP SIGNATURE-----

/-----\

	Jim Grubs, W8GRT	Voxbox Enterprises	Tel.: 419/882-2697	
--	------------------	--------------------	--------------------	--

\-+-----/

-----  
Date: (null)  
From: (null)  
-----

Date: (null)

From: (null)

And from Market Reef, a group of operators will sign OJ0/Own-call from either Saturday the 15th or Sunday the 16th, depending on the weather, for three days. Operation will be on all bands, CW, SSB with some RTTY.

Now the events for today Sunday the 8th of May:

The Midland Amateur Radio Society, Drayton Mobile Radio Rally is being held at Drayton Manor Park, Tamworth, Staffordshire, situated off the A4091 road. Doors open 10.30am. The event features trade stands, club stands, a flea market and a car boot area.

The Yeovil QRP Convention is being held at the Preston Centre, Yeovil. Doors open at 9am. The event features traders orientated towards QRP, kits, components etc. Also features a club bring and buy stall, QRP station demonstrations, displays of home built rigs and vintage communication equipment. And there are talks covering propagation, construction and RSGB matters. Talk-in will be on channel S22 by GB2LOW.

Next the two events we know of for next Sunday the 15th of May:

The Dunstable Downs Radio Club 11th Annual National Amateur Radio Car Boot Sale is to be held at Stockwood County Park, Luton, Bedfordshire, located near junction 10 of the M1 motorway. Doors open at 10am. The event features trade stands, club stands and a car boot area. Other attractions include admission to the Environmental Open Day, free entry to the Mossman Collection of Horse Drawn Vehicles, craft museum and carriage rides. Details are available by telephoning 0582 451057 but please phone only between 6 and 8pm.

The Mid-Ulster Amateur Radio Club Parkanaur Rally is to be held at the Silverwood Hotel, Lurgan, County Armagh. Doors open at 12 noon. The event features trade stands, a bring and buy stall and an RSGB Book stand. Refreshments will be available. Talk-in is on two metres, channel S22. For further details contact Bill, GI7BQH on 0693 61298.

HF contest news now:

The fifth in this year's series of RSGB QRS (Slow Morse) Cumulative Contests will take place tomorrow Monday the 9th from 1900 to 2030 UTC between 3.54 and 3.58MHz. See April RadCom page 8, for further details and January's RadCom, page 83 for the rules. Novice licensees are particularly encouraged to participate as contacts with Novice calls are worth quadruple points.

The CQ-M Mixed Mode (Russian) Contest takes place during next weekend,

starting at 2100 on Saturday the 14th and finishing at 2100 on Sunday the 15th of May. The contest uses CW and SSB on all bands from 1.8MHz to 28MHz but excluding the WARC bands. May RadCom page 20 gives some rules and entry details.

Next some VHF contest news:

The RSGB 432MHz to 24GHz Contest will finish today Sunday the 8th at 1400 UTC. See February RadCom, page 83 for further details.

The RSGB 144MHz Single, Others and SWL Contest takes place from 1400 UTC on Saturday the 21st until 1400 UTC on Sunday the 22nd of May. There are four sections, Single operator fixed, Single operator Portable, Others and Listeners. Another category is Single operator fixed, operating for 6 hours continuously, but starting at any hour on the hour. See the February edition of RadCom for further details.

The first of the RSGB Back-Packers 144MHz Contests is scheduled to take place from 1100 until 1500 UTC on Sunday the 22nd of May. This is a new type of contest and full details can be found in January's RadCom.

Special event stations active in May include:

GB0CT, Channel Tunnel, will be aired by members of the British Rail Amateur Radio Society from New Romney Railway Station, near Folkestone, Kent. At the same time TM5TSM, will be operational from Wimereux Town Hall near Boulogne. Both stations will be operational until today, Sunday the 8th of May, on 80, 40, 20 and 2 metre and 70 centimetre bands.

GB2PW will be operated today, Sunday the 8th, by members of the Southdown Amateur Radio Society from Polegate Windmill. This celebrates Windmills Day.

GB0SND, Special Needs Activities, will be operated by members of the Havering and District Amateur Radio Club from the Hargreaves Campsite, Little Heath, Romford. The occasion is the Ilford East Scouts Special Activities day for physical and mentally handicapped members during today Sunday the 8th, from locator J001BN, WAB Square TQ48.

Next Saturday, the 14th, members of the Barking Radio and Electronics Society will operate GB2WBD and GB4WBD to commemorate the twinning of Witten in Germany with Barking and Dagenham. Operation will be on HF, VHF and on packet.

And now the solar factual data

The period from the 25th of April to the 1st of May saw enhanced

conditions on the HF bands up to the 1st of May. Then, as forecast, a magnetic storm occurred, seriously affecting the higher latitudes. Only one very small flare was reported on the 28th - a B3.9. The spot indices tended to rise over the period with the mean being 48. The solar flux levels declined slightly from 83 units on the 25th down to 75 units on 1st May, with the period averaging 78 units. There has been a rapid general decline in solar flux levels since last December, when the mean levels were about 100, down to present levels about 80 units. The 90 day flux mean on April 27th was 91.

The geomagnetic Ap indices were quiet for most of the period, with the 30th of April being very quiet with an Ap index of only 2 and with HF band conditions being excellent. It had all the indications of a pre-auroral enhancement. The 1st of May saw a magnetic storm commence, taking levels up to 34 units. The period averaged an Ap of 8.8 units. The X-Ray flux is only slowly recovering from the collapse at the end of March; the period averaged A4.6 units, but varied considerably day to day. The state has been 'nil nothing to report' throughout the period. The aa indices, as supplied by the British Geological Survey for the period 19th to 25th April, were very quiet giving daily averages of only 17.7 nanoTeslas, about K2, with many periods of only 8 nanoTeslas.

I'll repeat the figures. Spots - 48; Flux - 78; Ap index - 8.8; X-ray flux - A4.6.

Now the ionospheric data for Central France:

Due to the holiday we have data only for the 25th to the 28th. The F2 daytime critical frequencies at Poitiers, as reported by Meudon, averaged 7.4MHz. The darkness hour lows averaged 3.4MHz.

I'll repeat the figures. Highs - 7.4MHz; lows - 3.4MHz.

Now the ionospheric data for the north:

During the period of available data, the F2 daytime critical frequencies at Ekaterinberg were about 6.9MHz, and the darkness hour lows about 4.5MHz.

I'll repeat the figures: Highs - 6.9MHz; lows - 4.5MHz.

And lastly the solar forecast:

This week, the quieter side of the sun will be looking our way, solar flux levels are expected to be at about the 80s. The geomagnetic levels are expected to be just unsettled. Ionospheric MUFs for north/south paths in the south are expected to be about 24MHz during daylight, and 14MHz for the darkness hours. East/west paths will be well down on these

levels due to the seasonal changes now taking effect. Northern stations may be affected by the passage of a coronal hole on the 13th and 14th, but HF conditions are expected to be generally better than of late.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 Uniform Victor and G7 Sierra India series, and Novice calls in the 2 0 Alpha Hotel and 2 1 Charlie Yankee series.

GB2RS, the news broadcasting service of the Radio Society of Great Britain, is transmitted in the 80, 40, 6 and 2 metre bands.

--

GB2RS is prepared by the Radio Society of Great Britain  
Tel +44 707 659015 Fax +44 707 645105

-----  
Date: 5 May 94 20:17:42 GMT  
From: agate!howland.reston.ans.net!vixen.cso.uiuc.edu!news.uoregon.edu!fp2-st-affairs-13.uoregon.edu!user@ucbvax.berkeley.edu  
To: info-hams@ucsd.edu

References <Cp6t7o.BEn@tc.fluke.COM>, <Cp6yu0.IGF@srgenprp.sr.hp.com>,  
<2q5slb\$siv@cascade.ens.tek.com>p2-s  
Subject : 3Y0PI QSLs update

In article <2q5slb\$siv@cascade.ens.tek.com>, t1terryb@cascade.ens.tek.com  
(Terry Burge) wrote:

> As I recall the QSL manager for either CW or SSB for 3Y0PI was  
> KA6V. She just passed away. So the cards will be a little late in  
> coming I suspect.  
>  
> (arranging someone else to handel them and such)

Ron Vincent WJ7R, visited with Jerry AA6BB the other day.

He told me that Jerry is obviously very bereaved over Joannie's passing but has not put anything aside because of it.

The labels are all printed for the 3Y0PI cards. The cards themselves were supposed to arrive on April 27th. They did not.

Jerry has apparently said that as soon as the cards come in from the printer, the labels will be affixed and ALL cards will be out within a week of their arrival!

Our local DX group has offered to help with the process but we were told that it's not needed 'cause everything is under control.

We will, however, be working on sorting Joannie's remaining bureau cards for all the other stations she manages.

--

Steve Milewski

milewski@oregon.uoregon.edu

Ham:AA7FL

\*\*\* Save the environment - Ship a logger to Japan \*\*\*

-----

Date: (null)

From: (null)

If you find a definition for "destinated," please include it.

My American Heritage dictionary doesn't show it, although I think Webster's New Collegiate said it meant something to the effect of "having met your destiny."

73,  
K2PH

--

-----

Bob Schreibmaier K2PH | UUCP: ...!att!mtdcr!bob

AT&T Bell Laboratories | Internet: bob@mtdcr.att.com

Middletown, N.J. 07748 | ICBM: 40o21'N, 74o8'W

-----

End of Info-Hams Digest V94 #493

\*\*\*\*\*